Performance Data Sheet

AWA7515ZXC

General Information

Model	AWA7515ZXC	**Refrigerant**	R-404A
Test Condition	ARI	**Performance Test Voltage**	240V ~ 50HZ
Return Gas	4.4°C (40°F) RETURN GAS	**Motor Type**	CSR

Performance Information

Evap Temp (°F)		Condensing Temperature (°F)						
		80	**90**	**100**	**110**	**120**	**130**	**140**
-10	Btu/h	9380	8450	7380	6250	5110	4040	3110
	Watts	1560	1600	1630	1650	1660	1670	1670
	Amps	9.63	9.82	9.95	10.0	10.1	10.2	10.2
	Lb/h	159	154	146	135	123	111	101
-5	Btu/h	10800	9810	8650	7390	6110	4870	3750
	Watts	1650	1690	1730	1750	1770	1780	1780
	Amps	9.86	10.0	10.2	10.3	10.3	10.3	10.4
	Lb/h	182	179	171	160	147	134	122
0	Btu/h	12500	11400	10100	8740	7290	5860	4530
	Watts	1740	1790	1830	1860	1880	1890	1900
	Amps	10.1	10.3	10.4	10.5	10.6	10.6	10.6
	Lb/h	211	208	201	190	177	163	149
5	Btu/h	14500	13300	11800	10300	8620	6980	5410
	Watts	1820	1880	1930	1970	2000	2020	2040
	Amps	10.3	10.5	10.7	10.8	10.9	11.0	11.0
	Lb/h	245	243	236	224	210	195	179
10	Btu/h	16600	15300	13700	11900	10100	8200	6370
	Watts	1900	1970	2030	2080	2130	2160	2190
	Amps	10.5	10.8	11.0	11.2	11.3	11.4	11.4
	Lb/h	284	282	275	263	247	230	213
15	Btu/h	19000	17400	15700	13700	11600	9480	7370
	Watts	1970	2060	2130	2200	2250	2300	2340
	Amps	10.6	11.0	11.3	11.5	11.7	11.8	11.9
	Lb/h	326	324	317	304	287	268	248
20	Btu/h	21400	19700	17700	15500	13200	10800	8390
	Watts	2020	2130	2220	2310	2380	2440	2500
	Amps	10.7	11.1	11.5	11.8	12.1	12.3	12.5
	Lb/h	371	369	361	347	329	308	285
25	Btu/h	24000	22100	19900	17400	14800	12100	9380
	Watts	2070	2190	2310	2410	2500	2590	2660
	Amps	10.7	11.2	11.7	12.2	12.5	12.8	13.1
	Lb/h	418	416	407	392	372	349	323

30	Btu/h	26700	24500	22100	19300	16400	13400	10300
	Watts	2090	2240	2380	2500	2620	2720	2820
	Amps	10.6	11.3	11.9	12.4	12.9	13.3	13.7
	Lb/h	466	464	454	438	416	390	361

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	6.441644E+03	9.434795E+02	4.442231E+00	-1.025552E+02
C2	3.749984E+02	1.567462E+00	-3.683943E-02	1.449991E+00
C3	3.238550E+02	1.506013E+01	1.315427E-01	9.227980E+00
C4	8.338338E+00	-5.414493E-01	-3.433250E-03	1.391288E-01
C5	1.735066E+00	2.269052E-01	1.420336E-03	1.019771E-01
C6	-4.014082E+00	-7.068452E-02	-9.458851E-04	-8.405766E-02
C7	-4.221418E-02	-3.563342E-03	-1.972849E-05	-1.039354E-03
C8	-4.442417E-02	5.697022E-03	3.840252E-05	-4.436229E-04
C9	-2.298433E-02	-3.638214E-04	-5.069478E-06	-5.111847E-04
C10	1.145176E-02	8.544546E-05	2.296983E-06	2.212162E-04

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature